

Plate 2.--Lithologic and geotechnical log for U. S. Geological Survey drill hole 2C-80.

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## **EXPLANATION**

△ DIAMICTON

iiii Clayey

SANDSTONE

Silty

SILTSTONE

Carbonaceous



CLAYSTONE



COAL



CLAYSTONE- CARBONACEOUS

1/ Tested in accordance with ASTM D 422-63.

 $\underline{2}$ / Tested in accordance with ASTM D 423 and D 424.

3/ Tested in accordance with ASTM D 854 and Chleborad and others, 1975.

 $\underline{4}$ / Tested in accordance with method described by Franklin and Chandra, 1972.

5/ Tested in accordance with method described by Brock and Franklin, 1972.

Calculated in meganewtons/meters<sup>2</sup> using the formula: U=1<sub>8(50)</sub>X 24.

Diametral test (loaded parallel to bedding planes)

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply

endorsement by the USGS.

Axial test (loaded perpendicular to bedding planes)

6/ Tested in accordance with ASTM D 2166-66.